

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 March 2005 (31.03.2005)

PCT

(10) International Publication Number
WO 2005/027683 A1

(51) International Patent Classification⁷: **A45D 34/04**

(21) International Application Number:
PCT/BR2004/000056

(22) International Filing Date: 20 April 2004 (20.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PI0305111-0 23 September 2003 (23.09.2003) BR

(71) Applicant and

(72) Inventor: **DORIA, Antonio, Silvio, Sampaio** [BR/BR];
Rua Filipe de Gusmão, N°61, BR-05441-100 São Paulo -SP
(BR).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

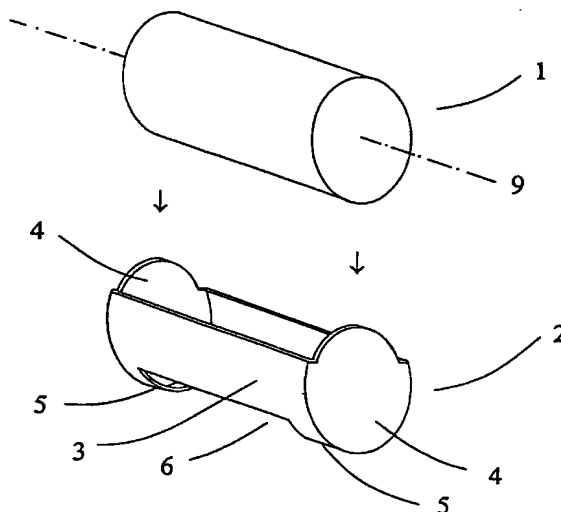
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CYLINDRICAL APPLICATOR FOR DISPENSING COSMETIC COMPOSITIONS



(57) Abstract: Cylindrical applicator for dispensing cosmetic compositions in the form of liquid, cream,, gel or other, onto the human skin. The invention comprises an applicator in the form of a cylinder (1) of rigid material, encased by pressure inside a seat (2) of resilient material, said seat consists of two semicircular guides (3), joined by two support circles (4), and two inferior braces (5) that define the distribution opening (6), being said cylinder (1) free to roll. The present invention is the main part of the head section of various packages. Said cylinder (1) is coated by the cosmetic product when the container is turned upside-down, and rolled against the skin, applying the product uniformly. When pressed down by internal elements of the cap, the cylinder (1) seal the distribution opening (6). With a larger area of application, the present invention is used to apply a large number of cosmetic products to extensive areas, like the face or the body.



WO 2005/027683 A1